

LBG

Liquefied Biogas

Product description

Liquefied Biogas (LBG – Liquefied Biogas) is a 100% renewable fuel produced from biogenic material, such as biological waste and industrial residual products. Through liquefaction, the biogas is cooled to approximately -162°C, resulting in a more energy-dense and space-efficient fuel.

LBG consists primarily of methane and is particularly well suited for heavy-duty truck transport with high demands for range and reduced climate impact.

Benefits

- 100% renewable fuel that provides a significant reduction in fossil carbon dioxide emissions compared with conventional fuels.
- High energy density enables a longer driving range between refuelling stops.
- Liquefied gas requires less storage volume than compressed gas, which is crucial for long-distance transport.

Applications

LBG is primarily used as a transport fuel for heavy-duty trucks. The vehicle must be adapted for liquefied gas operation, often marked for LNG/LBG. Always check with the vehicle manufacturer that the fuel is approved for the specific vehicle type.

Health, environment and safety

See safety data sheet. Follow applicable safety regulations and use recommended protective equipment.

Specifications

- EN 16723-2

Article code

090 (LBG)